Appl. No. 10/679,601 Reply to Office action of March 17, 2006 Page 2 of 17

## IN THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application:

- 1. (Currently Amended) A motor vehicle control system for use on a motor vehicle having a steering wheel rim, the motor vehicle control system comprising:
- a rotary scroll wheel coupled to a switch and mounted on an inner portion of the steering wheel rim-of a motor vehicle and configured to adjust a function of the motor vehicle; and
- a control unit electrically coupled to the switch and configured to receive a signal from the switch and to cause adjustment of the function in response to the signal.
- 2. (Original) The motor vehicle control system of claim 1 further comprising a display coupled to the control unit and configured to display an indication of the function.
- 3. (Original) The motor vehicle control system of claim 1 wherein the switch comprises a rotary switch actuable by rotating the scroll wheel about an axis and a linear switch actuable by pressing the scroll wheel in a direction substantially perpendicular to the axis.
- 4. (Original) The motor vehicle control system of claim 3 wherein the axis is parallel to a radius of the steering wheel rim.
- 5. (Original) The motor vehicle control system of claim 1 wherein the rotary scroll wheel comprises a circular portion rotatable about an axis and having a crenulated periphery.
- 6. (Original) The motor vehicle control system of claim 5 wherein the rotary switch is configured to provide feedback if the circular portion is rotated through a predetermined number of degrees.

Appl. No. 10/679,601 Reply to Office action of March 17, 2006 Page 3 of 17

- 7. (Original) The motor vehicle control system of claim 1 wherein the rotary scroll wheel can be positioned at a location on the steering wheel at the discretion of a motor vehicle operator.
- 8. (Currently Amended) A motor vehicle control system for use on a motor vehicle having a steering wheel rim, the motor vehicle control system comprising:

a plurality of rotary scroll wheels and a plurality of switches, each of the plurality of switches coupled to and actuable by one of the plurality of rotary scroll wheels, and each of the plurality of rotary scroll wheels mounted on athe steering wheel rim of the motor vehicle, at least one of the plurality of rotary scroll wheels mounted on an inner portion of an upper right hand quadrant of the steering wheel rim and at least one of the plurality of rotary scroll wheels lecated mounted on an inner portion of an upper left hand quadrant of the steering wheel rim; and

a control unit electrically coupled to each of the plurality of switches and configured to cause a motor vehicle function to react to a signal received from at least one of the plurality of switches.

- 9. (Original) The motor vehicle control system of claim 8 further comprising a display unit coupled to the control unit and configured to display an indication of the motor vehicle function.
- 10. (Original) The motor vehicle control system of claim 8 further comprising a plurality of display units, each coupled to the control unit and each responsive to a signal from a respective one of the plurality of switches to display an indication of a motor vehicle function.
- 11. (Original) The motor vehicle control system of claim 8 wherein each of the plurality of rotary scroll wheels can be positioned at a location on the steering wheel at the discretion of a motor vehicle operator.

Appl. No. 10/679,601 Reply to Office action of March 17, 2006 Page 4 of 17

- 12. (Original) The motor vehicle control system of claim 8 wherein each of the plurality of rotary scroll wheels can be configured in association with a specific motor vehicle function and each of the plurality of rotary scroll wheels can be configured cause a specified motor vehicle function to react to a signal from an associated one of the plurality of rotary scroll wheels.
- 13. (Original) The motor vehicle control system of claim 8 wherein at least two of the plurality of rotary scroll wheels can be configured to cause a single motor vehicle function to react to signals received from the at least two of the plurality of rotary scroll wheels.
- 14. (Original) The motor vehicle control system of claim 8 wherein each of the plurality of switches comprises a rotary switch actuable by rotation of a rotary scroll wheel about an axis and a linear switch actuable by movement of the rotary scroll wheel in a direction substantially perpendicular to the axis.
- 15. (Original) The motor vehicle control system of claim 14 wherein the axis is substantially parallel to a radius of the steering wheel rim.
- 16. (Original) The motor vehicle control system of claim 14 wherein the rotary switch is configured to provide feedback upon rotation of the rotary scroll wheel through a predetermined number of degrees of rotation.
- 17. (Original) The motor vehicle control system of claim 14 wherein the linear switch is configured to provide feedback upon activation.
- 18. (Original) The motor vehicle control system of claim 8 wherein the rotary scroll wheel comprises a generally circular cross section having a crenulated periphery.
  - 19. (Cancelled)
  - 20. (Cancelled)

Appl. No. 10/679,601 Reply to Office action of March 17, 2006 Page 5 of 17

- 21. (Cancelled)
- 22. (Cancelled)
- 23. (Cancelled)
- 24. (Cancelled)
- 25. (Currently Amended) A motor vehicle control system for use on a motor vehicle having a steering wheel rim, the motor vehicle control system comprising:
- a plurality of rotary scroll wheels and a plurality of switches, each of the plurality of switches comprising a rotary switch and a linear switch coupled to and actuable by one of the plurality of rotary scroll wheels, and each of the plurality of rotary scroll wheels mounted on an inner portion of the steering wheel rim of the motor vehicle;
  - a control unit electrically coupled to each of the plurality of switches; and
  - a display unit coupled to the control unit;

wherein the control unit is configured to cause a display of a menu of motor vehicle functions on the display unit in response to activation of one of the plurality of switches.

- 26. (Original) The motor vehicle control system of claim 25 wherein the control unit is further configured to activate one of the plurality of menu of motor vehicle functions in response to rotation of one of the plurality of rotary scroll wheels to select the one of the plurality of menu of motor vehicle functions and confirmation of the selection by pushing the one of the plurality of rotary scroll wheels to click one of the plurality of linear switches.
- 27. (Original) The motor vehicle control system of claim 25 wherein the control unit is further configured to activate a cruise control system in response to rotation of a second one of the plurality of switches.
- 28. (Original) The motor vehicle control system of claim 27 wherein the control unit is configured to change the speed of the motor vehicle in response to rotation of the rotary scroll wheel.